

STATE OF MISSOURI
DEPARTMENT OF NATURAL RESOURCES

MISSOURI CLEAN WATER COMMISSION



MISSOURI STATE OPERATING PERMIT

In compliance with the Missouri Clean Water Law, (Chapter 644 R.S. Mo. as amended, hereinafter, the Law), and the Federal Water Pollution Control Act (Public Law 92-500, 92nd Congress) as amended,

Permit No. MO-0127329

Owner: Ogden Aviation Fueling Company of St. Louis
Address: 10750 Lambert International Blvd., St. Louis, MO 63145

Continuing Authority: Same as above
Address: Same as above

Facility Name: Ogden Aviation Fueling Company of St. Louis
Facility Address: 10750 Lambert International Blvd., St. Louis, MO 63145

Legal Description: See page 2
Latitude/Longitude: See page 2

Receiving Stream: Unnamed Tributary to Coldwater Creek (U)
First Classified Stream and ID: Coldwater Creek (C)(01706)
USGS Basin & Sub-watershed No.: (10300200-180002)

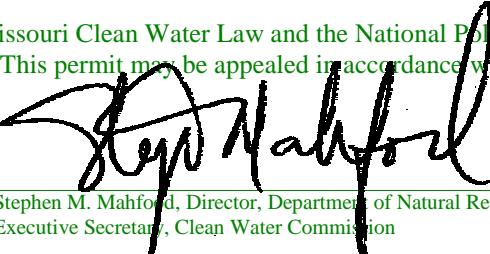
is authorized to discharge from the facility described herein, in accordance with the effluent limitations and monitoring requirements as set forth herein:

FACILITY DESCRIPTION

See page 2

This permit authorizes only wastewater discharges under the Missouri Clean Water Law and the National Pollutant Discharge Elimination System; it does not apply to other regulated areas. This permit may be appealed in accordance with Section 644.051.6 of the Law.

January 25, 2002
Effective Date


Stephen M. Mahford, Director, Department of Natural Resources
Executive Secretary, Clean Water Commission

January 24, 2007
Expiration Date
MO 780-0041 (10-93)

Interim Director of Staff, Clean Water Commission

FACILITY DESCRIPTION (continued)

Outfall #001 - Petroleum Bulk Stations & Terminals - SIC #5171

Oil-Water Separator/Stormwater/tanker truck cleaning.

Design flow is 162,000 gallons per day.

Actual flow is 12,000 gallons per day.

Legal Description: NW $\frac{1}{4}$, SE $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 8(projected), T46N, R6E, St. Louis County

Latitude/Longitude: +3844394/-09022111

Outfall #002 - Petroleum Bulk Stations & Terminals - SIC #5171

Oil-Water Separator/Stormwater/fuel tank farm

Design flow is 138,000 gallons per day.

Actual flow is 20,600 gallons per day.

Legal Description: NW $\frac{1}{4}$, NE $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 8(projected), T46N, R6E, St. Louis County

Latitude/Longitude: +3844287/-09022120

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS					PAGE NUMBER 3 of 6	
					PERMIT NUMBER MO-0127329	
The permittee is authorized to discharge from outfall(s) with serial number(s) as specified in the application for this permit. The final effluent limitations shall become effective upon issuance and remain in effect until expiration of the permit. Such discharges shall be controlled, limited and monitored by the permittee as specified below:						
OUTFALL NUMBER AND EFFLUENT PARAMETER(S)	UNITS	FINAL EFFLUENT LIMITATIONS			MONITORING REQUIREMENTS	
		DAILY MAXIMUM	WEEKLY AVERAGE	MONTHLY AVERAGE	MEASUREMENT FREQUENCY	SAMPLE TYPE
<u>Outfalls #001 & #002 (Note 1)</u>						
Flow	MGD	*		*	once/quarter	24 hr. estimate
Benzene	mg/L	0.05		0.05	once/quarter	grab
Toluene	mg/L	*		*	once/quarter	grab
Ehtylbenzene	mg/L	*		*	once/quarter	grab
Xylene	mg/L	*		*	once/quarter	grab
Total BETX**	mg/L	0.75		0.75	once/quarter	grab
Oil & Grease	mg/L	15		10	once/quarter	grab
Total Petroleum Hydrocarbons	mg/L	10		10	once/quarter	grab
Chemical Oxygen Demand	mg/L	120		90	once/quarter	grab
Total Suspended Solids	mg/L	80		60	once/quarter	grab
pH - Units	SU	***		***	once/quarter	grab
Nitrate	mg/L	10		10	once/quarter	grab
MONITORING REPORTS SHALL BE SUBMITTED QUARTERLY; THE FIRST REPORT IS DUE <u>April 28, 2002</u> . THERE SHALL BE NO DISCHARGE OF FLOATING SOLIDS OR VISIBLE FOAM IN OTHER THAN TRACE AMOUNTS.						
B. STANDARD CONDITIONS						
IN ADDITION TO SPECIFIED CONDITIONS STATED HEREIN, THIS PERMIT IS SUBJECT TO THE ATTACHED <u>Part I</u> STANDARD CONDITIONS DATED <u>October 1, 1980</u> , AND HEREBY INCORPORATED AS THOUGH FULLY SET FORTH HEREIN.						

MO 780-0010 (8/91)

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS (continued)

* Monitoring requirement only.

** Total BETX shall be measured as the sum of Benzene, Ethylbenzene, Toluene and Xylene.

*** pH is measured in pH units and is not to be averaged. The pH is limited to the range of 6.0-9.0 pH units.

Note 1 - The water tested will be the final water disposed.

C. SPECIAL CONDITIONS

1. An important requirement of this permit is the development and implementation of a Storm Water Pollution Prevention Plan (SWPPP). The SWPPP must be prepared within 180 days and implemented within 360 days of permit issuance. The SWPPP must be kept on-site and should the permittee select, install, use, operate, and maintain the Best Management Practice prescribed in the SWPPP in accordance with the concepts and methods described in the following document.

Storm Water Management for Industrial Activities, Developing Pollution Prevention Plans and Best Management Activities. (Document number EPA 832-R92-006) published by the United States Environmental Protection Agency (USEPA) in September 1992.

The SWPPP must include the following:

- a. An assessment of all storm water discharges associated with vehicle maintenance (including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication), equipment cleaning, and chemical deicing/anti-icing activities. This must include a list of potential contaminants and an annual estimate of amounts that will be used in the described activities.
 - b. A listing of Best Management Practices (BMP's) and a narrative explaining how BMP's will be implemented to control and minimize the amount of potential contaminants that may enter storm water.
 - c. A schedule for implementing the BMP's.
 - d. The SWPPP must include a schedule for a monthly site inspection and a brief written report. The inspections must include observation and evaluation of BMP effectiveness, deficiencies, and corrective measures that will be taken. Deficiencies must be corrected within seven days. Inspection reports must be kept on site with the SWPPP. These must be made available to DNR personnel upon request.
 - e. A provision for designating an individual to be responsible for environmental matters.
 - f. A provision for providing training to all personnel involved in material handling and storage, and housekeeping of maintenance and cleaning areas. Proof of training shall be submitted on request of DNR.
2. An annual operating report must be submitted by October 28 of each year (notwithstanding any reporting requirements contained in the attached "Standard Conditions"). The report shall detail any unusual occurrences such as spills, tank failure or overflows, ruptured piping, fishkills, fire fighting activities, or other upsets which resulted in any loss of product. Product includes, but is not limited to, fuels, oil, and paints. The report shall also detail any remedial work undertaken to recover product or clean up the site. The report must also indicate if nothing unusual has occurred.
 3. Collection facilities shall be provided on-site, and arrangement made for proper disposal of waste products, including but not limited to petroleum waste products, and solvents.
 4. All fueling facilities present on-site shall adhere to applicable federal and state regulations concerning underground storage, above ground storage, and dispensers, including spill prevention, control and counter measures.
 5. Substances regulated by federal law under the Resource Conservation and Recovery Act (RCRA) or the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) that are transported, stored, or used to maintenance, cleaning or repair shall be managed according to the provisions of RCRA and CERCLA.

C. SPECIAL CONDITIONS (continued)

6. All paint, solvents, petroleum products and petroleum waste products (except fuels), shall be stored so that these materials are not exposed to storm water. Spill prevention control, and/or management shall be provided sufficiently to prevent any spills of these pollutants from entering waters of the state. Any containment system used to implement this requirement shall be constructed of materials compatible with the substances contained and shall also prevent the contamination of groundwater.
7. This permit may be reopened and modified, or alternatively revoked and reissued, to:
 - (a) Comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2), and 307(a) (2) of the Clean Water Act, if the effluent standard or limitation so issued or approved:
 - (1) contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
 - (2) controls any pollutant not limited in the permit.
 - (b) Incorporate new or modified effluent limitations or other conditions, if the result of a waste load allocation study, toxicity test or other information indicates changes are necessary to assure compliance with Missouri's Water Quality Standards.
 - (c) Incorporate new or modified effluent limitations or other conditions if, as the result of a watershed analysis, a Total Maximum Daily Load (TMDL) limitation is developed for the receiving waters which are currently included in Missouri's list of waters of the state not fully achieving the state's water quality standards, also called the 303(d) list.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Clean Water Act then applicable.
8. All outfalls must be clearly marked in the field.
9. Permittee will cease discharge by connection to areawide wastewater treatment system within 90 days of notice of its availability.
10. Changes in Discharges of Toxic Substances

The permittee shall notify the Director as soon as it knows or has reason to believe:

- (a) That any activity has occurred or will occur which would result in the discharge of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels:"
 - (1) One hundred micrograms per liter (100 µg/L);
 - (2) Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,5 dinitrophenol and for 2-methyl-4, 6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - (3) Five (5) times the maximum concentration value reported for the pollutant in the permit application;
 - (4) The level established in Part A of the permit by the Director.
 - (b) That they have begun or expect to begin to use or manufacture as an intermediate or final product or byproduct any toxic pollutant, which was not reported in the permit application.
11. Report as no-discharge when a discharge does not occur during the report period.

C. SPECIAL CONDITIONS (continued)

12. General Criteria. The following water quality criteria shall be applicable to all waters of the state at all times including mixing zones. No water contaminant, by itself or in combination with other substances, shall prevent the waters of the state from meeting the following conditions:
- (a) Waters shall be free from substances in sufficient amounts to cause the formation of putrescent, unsightly or harmful bottom deposits or prevent full maintenance of beneficial uses;
 - (b) Waters shall be free from oil, scum and floating debris in sufficient amounts to be unsightly or prevent full maintenance of beneficial uses;
 - (c) Waters shall be free from substances in sufficient amounts to cause unsightly color or turbidity, offensive odor or prevent full maintenance of beneficial uses;
 - (d) Waters shall be free from substances or conditions in sufficient amounts to result in toxicity to human, animal or aquatic life;
 - (e) There shall be no significant human health hazard from incidental contact with the water;
 - (f) There shall be no acute toxicity to livestock or wildlife watering;
 - (g) Waters shall be free from physical, chemical or hydrologic changes that would impair the natural biological community;
 - (h) Waters shall be free from used tires, car bodies, appliances, demolition debris, used vehicles or equipment and solid waste as defined in Missouri's Solid Waste Law, section 260.200, RSMo, except as the use of such materials is specifically permitted pursuant to section 260.200-260.247.

EXEMPTIONS

An NPDES permit is not required for any facility that installs an oil/water separator voluntarily, (i.e. not required to do so by any state or federal regulation or law) and whose oil and grease originates only from vehicle parking, and/or fueling such as parking lots, gas stations, convenience stores, and truck stops.